

SEQUENCE LISTING

5 <110> Comer, Allen

Allen-Hoffmann, Lynn

Hoffmann, Michael

10

<120> Skin Substitutes for Irritancy Testing

15

<130> Strata-06948

20

<160> 3

25 <170> PatentIn version 3.0

30 <210> 1

<211> 2908

<212> DNA

35 <213> Mus musculus

40 <400> 1
gacgccaaga gagegagcgc ggctccgggc gcgcggggag cagagggcggg ggcggggcggc 60
ggggggcaccg ggagccgcgc agtgccccc cccgcccctc cagcccccca cccaggaacc 120
cgcccgtgac ccgcgcccac ggccgcgcgc acccgggtaca gtccccagga ctccgcaccg 180
45 cgccgccaccg tccagctcgc agttccgcgc caccgcggcc attctcacct ggcgggcgcgc 240
cccgccaccg cccggaccac agccccgcgc ccgccgacag ccacagtggc cgcgacaacg 300
50 gtggggggaca ctgctgagtc caagagcgtg cagcctggcc atcggaccta cttatctgcc 360
ttgctgattg tctattttta taagagttta caacttttct aagaattttt gtatacaaag 420
gaactttttt taaagacatc gccggtttat attgaatcca aagaagaagg atctcgggca 480
55 atctgggggt tttggtttga ggttttgttt ctaaagtttt taatcttcgt tgactttggg 540

	gctcaggtac cctctctctt tcttcggact cggaggacc ttctgggccc ccacattaat	600
	gaggcagcca cctggcgagt ctgacatggc tgtcagcgac gctctgctcc cgtccttctc	660
5	cacgttcgcy tccggcccg cyggaagga gaagacactg cgtccagcag gtgccccgac	720
	taaccgttgg cgtgaggaac tctctcacat gaagcgactt cccccacttc ccggccgccc	780
10	ctacgacctg gcggcgacgg tggccacaga cctggagagt ggcgagctg gtgcagcttg	840
	cagcagtaac aaccggcccc tcttagcccc gagggagacc gaggagttca acgacctcct	900
	ggacctagac tttatccttt ccaactcgct aaccaccag gaatcggtag ccgccaccgt	960
15	gaccacctcg gcgtcagctt catctctgct tccccggcg agcagcgccc ctgccagcgc	1020
	gccctccacc tgcagcttca gctatccgat cggggccggg ggtgaccgg gcgtggctgc	1080
20	cagaaacaca ggtggagggc tctctacag ccgagaatct gcgccacctc ccacggcccc	1140
	cttcaacctg ggggacatca atgacgtgag cccctcgggc ggcttcgtgg ctgagctcct	1200
	gcggccggag ttggaccag tatacattcc gccacagcag cctcagccgc caggtggggg	1260
25	gctgatgggc aagtttgtgc tgaaggcgtc tctgaccacc cctggcagcg agtacagcag	1320
	cccttcggtc atcagtgtta gcaaaggaag cccagacggc agccaccccg tggtagtggc	1380
30	gccctacagc ggtggcccc gcgcgatgtg ccccaagatt aagcaagagg cggccccgtc	1440
	ctgcacggtc agccggtccc tagaggccca tttgagcgt ggacccacgc tcagcaacgg	1500
	ccaccggccc aacacacacg acttccccct ggggcggcag ctccccacca ggactacccc	1560
35	tacactgagt cccgaggaac tgetgaacag cagggactgt caccctggcc tgcctcttcc	1620
	cccaggattc catccccatc cgggggcca ctacctcct ttctgcccag accagatgca	1680
40	gtcacaagtc cctctctctc attatcaaga gctcatgcca ccgggttcct gcctgccaga	1740
	ggagcccaag ccaaagaggg gaagaaggct gtggcccccg aaaagaacag ccacccacac	1800
	ttgtgactat gcaggctgtg gcaaaaccta taccaagagt tctcatctca aggcacacct	1860
45	gcgaactcac acaggcgaga aaccttacca ctgtgactgg gacggctgtg ggtggaaatt	1920
	cgcccgctcc gatgaactga ccaggcacta ccgcaaacac acagggcacc ggccctttca	1980
50	gtgccagaag tgtgacaggg ccttttccag gtcggaccac cttgccttac acatgaagag	2040
	gcacttttaa atcccacgta gtggatgtga cccacactgc caggagagag agttcagtat	2100
	ttttttttct aacctttcac actgtcttcc cagagggga ggagcccagc tggcaagcgc	2160
55	tacaatcatg gtcaagttcc cagcaagtca gcttgtgaat ggataatcag gagaaaggaa	2220
	gagtccaaga gacaaaacag aaatactaaa aacaaacaaa caaaaaaaca aacaaaaaaa	2280

	ccaagaaaaa	aaaatcacag	aacagatggg	gtctgatact	ggatggatct	tctatcattc	2340
5	caataccaaa	tccaacttga	acatgcccgg	acttacaaaa	tgccaagggg	tgactggaag	2400
	tttgtggata	tcaggtata	cactaaatca	gtgagcttgg	ggggagggaa	gaccaggatt	2460
	cccttgaatt	gtgtttcgat	gatgcaatac	acacgtaaag	atcaccttgt	atgctctttg	2520
10	cctttcttaa	aaaaaaaaagc	cattattgtg	tcggaggaag	aggaagcgat	tcaggtacag	2580
	aacatgttct	aacagcctaa	atgatggtgc	ttggtgagtt	gtggtcctaa	aggtacaaaa	2640
15	egggggagcc	aaagttctcc	aactgctgca	tacttttgac	aaggaaaatc	tagttttgtc	2700
	ttccgatcta	cattgatgac	ctaagccagg	taaataagcc	tggtttattt	ctgtaacatt	2760
	tttatgcaga	cagtctgtta	tgcactgtgg	tttcagatgt	gcaataatth	gtacaatgg	2820
20	ttattcccaa	gtatgccttt	aagcagaaca	aatgtgtttt	tctatatagt	tccttgcctt	2880
	aataaatatg	taatataaat	ttaacc				2908
25	<210>	2					
	<211>	2639					
	<212>	DNA					
30	<213>	Homo sapiens					
35	<400>	2					
	tcgaggcgac	cgcgacagt	gtgggggacg	ctgctgagt	gaagagagcg	cagcccgcc	60
	accggaccta	cttactcgcc	ttgctgatt	tctatthttg	cgthttacaac	thtttctaaga	120
40	actthttgtat	acaaaggaac	thtttaaaaa	agacgcttcc	aagttatatt	taatccaaag	180
	aagaaggatc	tcggccaatt	tgggtthttg	ggtthttggct	tcgthttcttc	tcttcgttga	240
45	ctthtgggtt	caggtgcccc	agctgcttcg	ggctgcccag	gaccttctgg	gccccacat	300
	taatgaggca	gccacctggc	gagtctgaca	tggctgtcag	cgacgcgctg	ctcccatctt	360
	tctccacgtt	cgcgtctggc	ccggcgggaa	gggagaagac	actgctcaa	gcaggtgccc	420
50	cgaataaccg	ctggcgggag	gagctctccc	acatgaagcg	acttccccca	gtgcttccccg	480
	gccgccccta	tgacctggcg	gcggcgaccg	tggccacaga	cctggagagc	ggcggagccg	540
	gtgcggcttg	cggcggtagc	aacctggcgc	ccctacctcg	gagagagacc	gaggagttca	600
55	acgatctcct	ggacctggac	thtattctct	ccaattcgct	gacctatcct	ccggagtcag	660

	tggccgccac	cgtgtcctcg	tcagcgtcag	cctcctcttc	gtcgtcgccg	tcgagcagcg	720
	gccctgccag	cgcgccctcc	acctgcagct	tcacctatcc	gatccggggc	gggaacgacc	780
5	cgggcgtggc	gccggggcggc	acgggcggag	gcctcctcta	tggcagggag	tccgctcccc	840
	ctccgacggc	tcccttcaac	ctggcggaca	tcaacgacgt	gagccccctg	ggcggcttcg	900
	tggccgagct	cctgcggcca	gaattggacc	cgggtgtacat	tccgccgcag	cagccgcagc	960
10	cgccagggtgg	cgggctgatg	ggcaagttcg	tgctgaaggc	gtcgtctgagc	gcccctggca	1020
	gcgagtacgg	cagcccgtcg	gtcatcagcg	tcagcaaagg	cagccctgac	ggcagccacc	1080
15	cggtggtggt	ggcgccctac	aacggcgggc	cgccgcgcac	gtgccccaa	atcaagcagg	1140
	aggcggtctc	ttcgtgcacc	cacttggggc	ctggaccccc	tctcagcaat	ggccaccggc	1200
	cggctgcaca	cgacttcccc	ctggggcggc	agctccccag	caggactacc	ccgaccctgg	1260
20	gtcttgagga	agtgtctgagc	agcagggact	gtcaccctgc	cctgccgctt	cctcccggct	1320
	tccatcccca	cccggggccc	aattacccat	ccttctctgc	cgatcagatg	cagccgcaag	1380
25	tcccgccgct	ccattaccaa	gagctcatgc	cacccggttc	ctgcatgcca	gaggagccca	1440
	agccaaagag	gggaagacga	tcgtggcccc	ggaaaaggac	cgccaccac	acttgtgatt	1500
	acgcgggctg	cggcaaaacc	tacacaaaga	gttcccatct	caaggcacac	ctgcgaaccc	1560
30	acacagggtga	gaaaccttac	cactgtgact	gggacggctg	tggatggaaa	ttcgcccgct	1620
	cagatgaact	gaccaggcac	taccgtaaac	acacggggca	ccgcccgttc	cagtgcctaaa	1680
35	aatgcgaccg	agcattttcc	aggtcggacc	acctcgccct	acacatgaag	aggcattttt	1740
	aaatcccaga	cagtggatat	gaccacact	gccagaagag	aattcagtat	tttttacttt	1800
	tcacactgtc	ttcccgatga	gggaaggagc	ccagccagaa	agcactacaa	tcattggtcaa	1860
40	gttcccaact	gagtcattct	gtgagtggat	aatcaggaaa	aatgaggaat	ccaaaagaca	1920
	aaaatcaaag	aacagatggg	gtctgtgact	ggatcttcta	tcattccaat	tctaaatccg	1980
45	acttgaatat	tcctggactt	acaaaatgcc	aaggggggtga	ctggaagttg	tggatatcag	2040
	ggtataaatt	atatccgtga	gttggggggag	ggaagaccag	aattcccttg	aattgtgtat	2100
	tgatgcaata	taagcataaa	agatcacctt	gtattctctt	taccttctaa	aagccattat	2160
50	tatgatgtta	gaagaagagg	aagaaattca	ggtacagaaa	acatgtttta	atagcctaaa	2220
	tgatggtgct	tgggtgagtct	tggttctaaa	ggtaccaaac	aaggaagcca	aagttttcaa	2280
55	actgctgcat	actttgacaa	ggaaaatcta	tatttgtctt	ccgatcaaca	tttatgacct	2340
	aagtcaggta	atatacctgg	tttacttctt	tagcattttt	atgcagacag	tctgttatgc	2400

10007388-030105

	actgtggttt cagatgtgca ataatttgta caatgggttta ttcccaagta tgccttaagc	2460
5	agaacaaatg tgtttttcta tatagttcct tgccttaata aatatgtaat ataaatttaa	2520
	gcaaacgtct attttgtata ttgttaaact acaaagtaaa atgaacattt tgtggagttt	2580
	gtattttgca tactcaaggt gagaattaag ttttaaataa acctataata ttttatctg	2639
10	<210> 3	
	<211> 20	
15	<212> DNA	
	<213> artificial	
20	<220>	
	<223> synthetic	
25	<400> 3	
	gagaaggagg cgtggccaac	20

30